ABSTRACT

A magnetic recording medium having a diam nd-like carbon (DLC) film added therein a Group IV element of the periodic tabl such as silicon, particularly in the vicinity of the boundary between the magnetic material and the formed DLC film. Sinc a DLC having low friction coefficient can be formed, the centerline average roughness can be reduced to 30 nm or even less. Accordingly, a magnetic recording medium improved in magnetic properties and in lubricity can be obtained.